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Figure 1

16 Figs

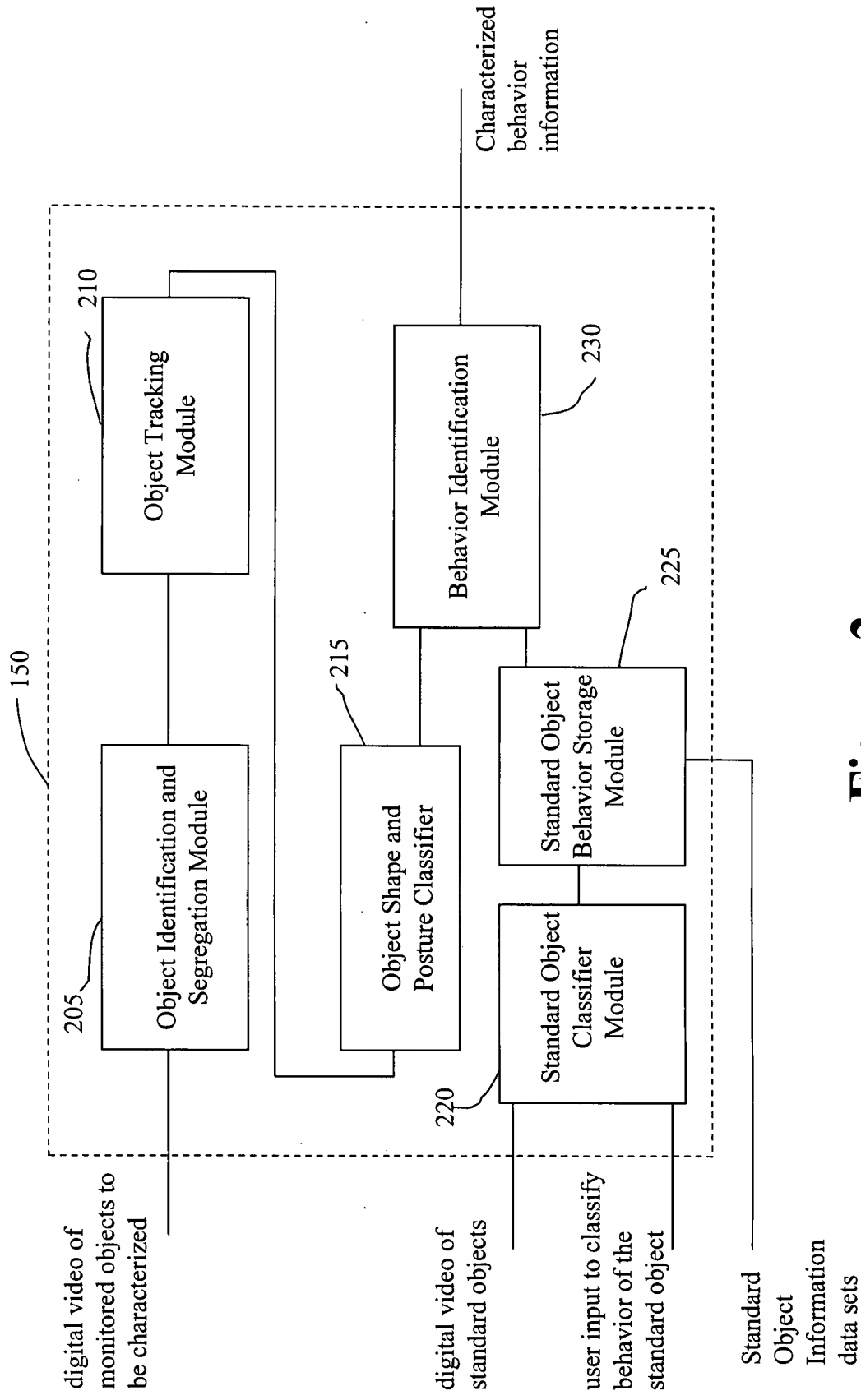


Figure 2

```
graph TD; START([START]) --> 305[Receive incoming video images]; 305 --> 310[Identify and segregate a predetermined object from the incoming video images]; 310 --> 315[Track the predetermined object from one video image (frame) or scene to another to identify changes to, or movement of, the object]; 315 --> 320[Identify and classify the changes to the shape and location of the object]; 320 --> 325[Characterize the behavior of the predetermined object]; 325 --> End([End]);
```

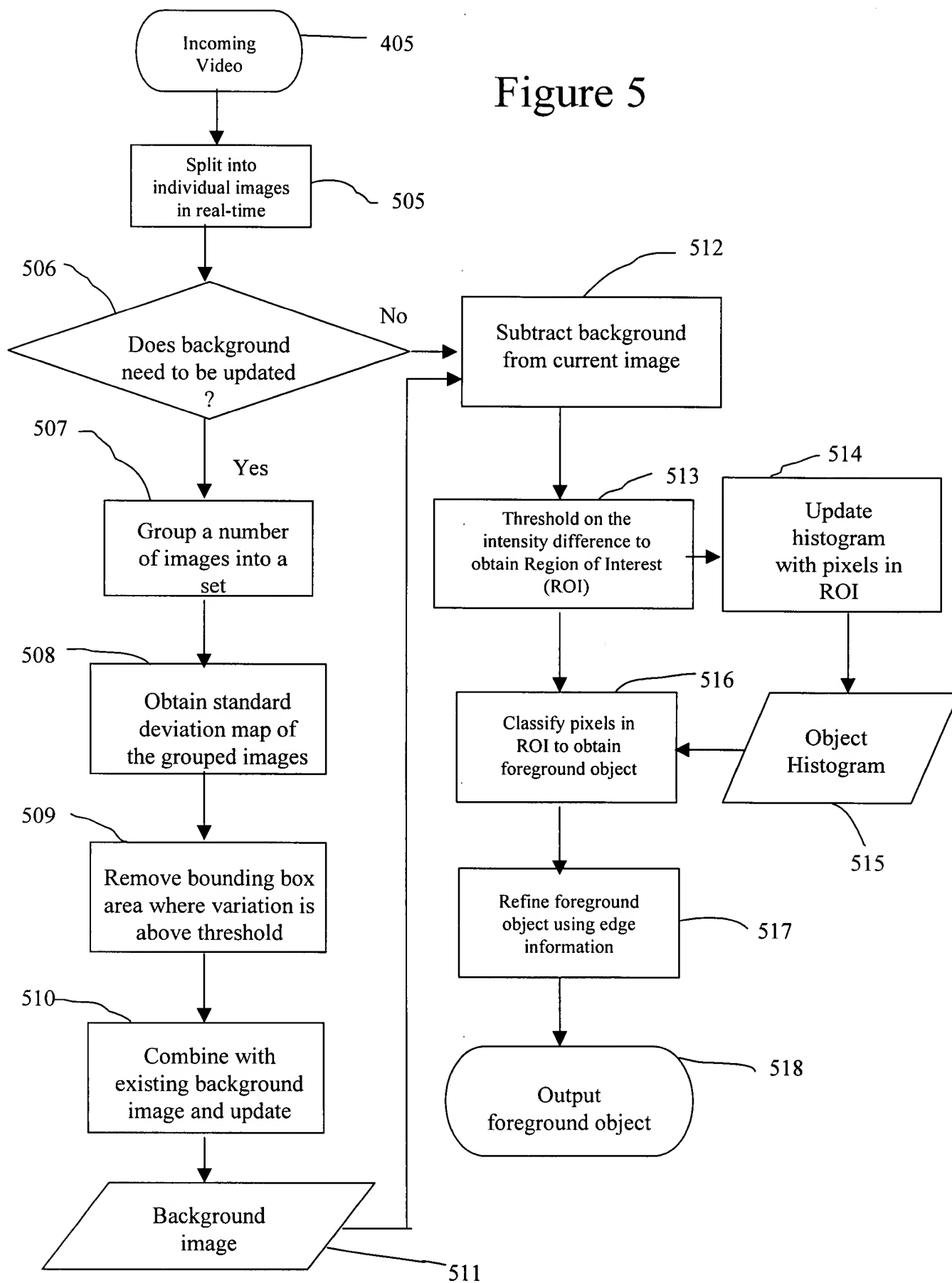
The flowchart illustrates a method for identifying and tracking a predetermined object in video images. It begins with a **START** terminal, followed by a process block **305** labeled **Receive incoming video images**. This leads to block **310**, **Identify and segregate a predetermined object from the incoming video images**. The next step is block **315**, **Track the predetermined object from one video image (frame) or scene to another to identify changes to, or movement of, the object**. This is followed by block **320**, **Identify and classify the changes to the shape and location of the object**. The final process block is **325**, **Characterize the behavior of the predetermined object**. The flowchart concludes with an **End** terminal. Arrows indicate the sequential flow from one block to the next.

3

09187-3100



Figure 5



0043374-11400

0978-1614

Figure 6



Figure 7A



Figure 7B



004217" 17EET 260

Figure 7C



004277-4ZEBZ60

Figure 8A

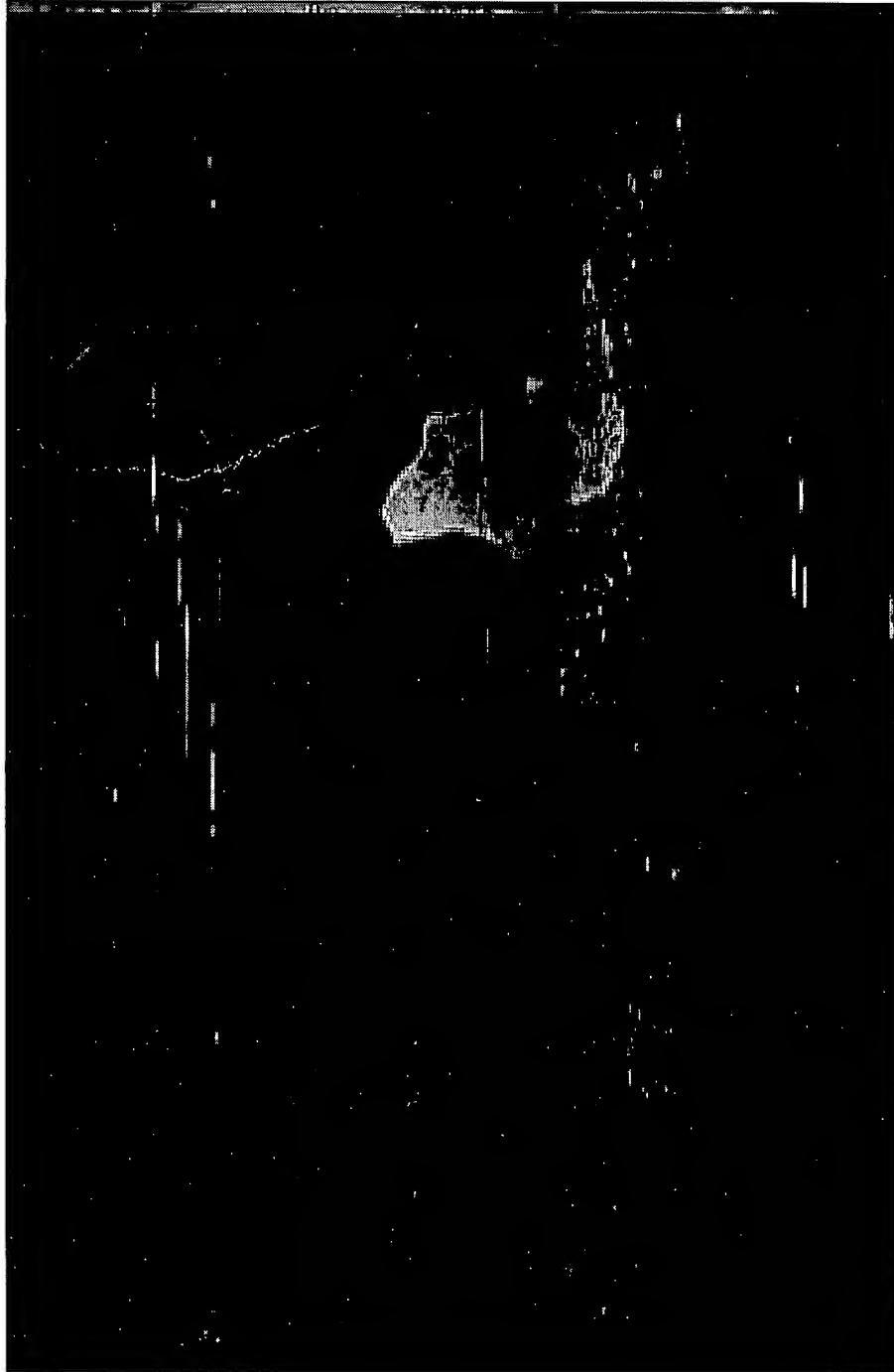


Figure 8B

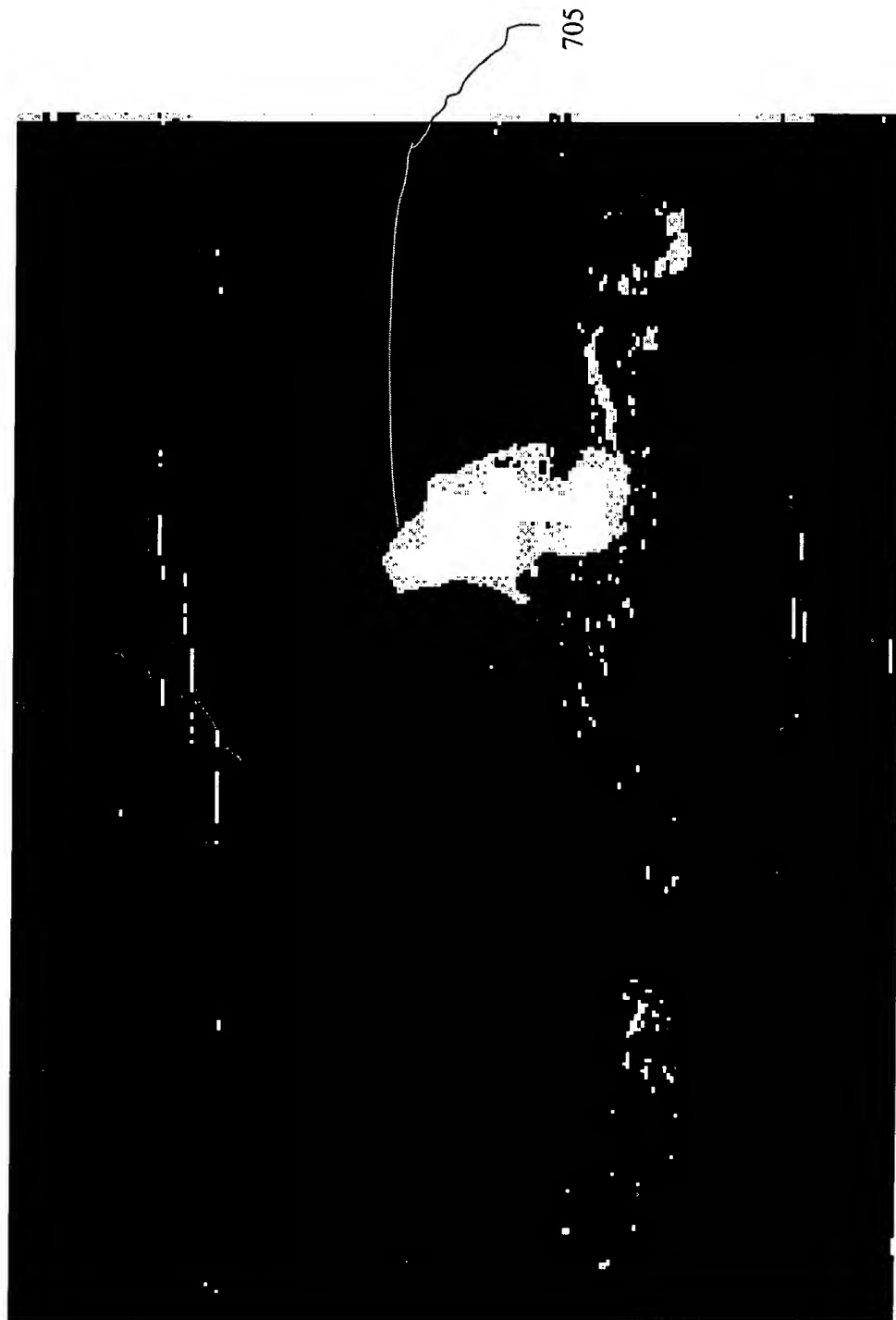
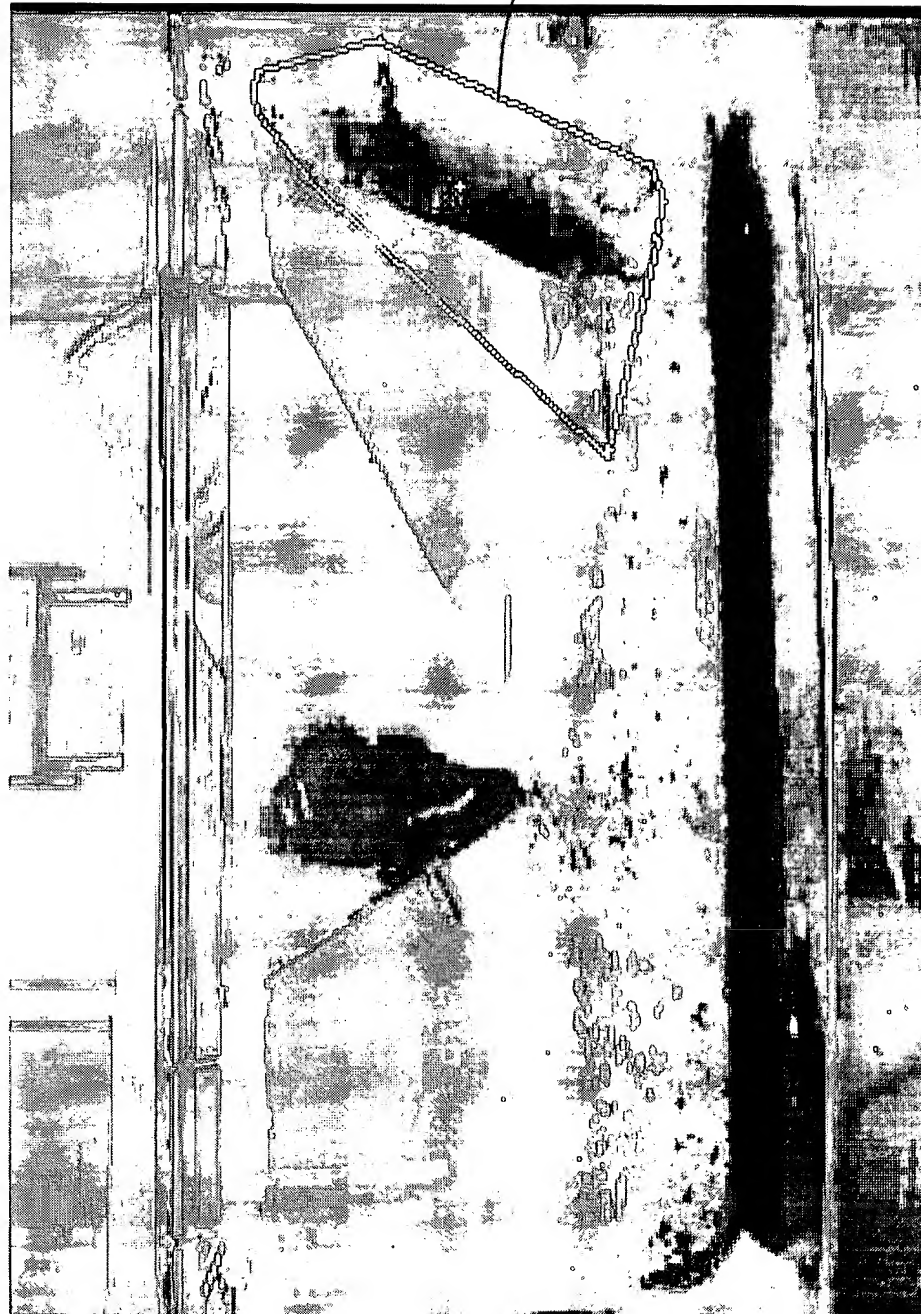


Figure 8C



805

Figure 9A



Figure 9B

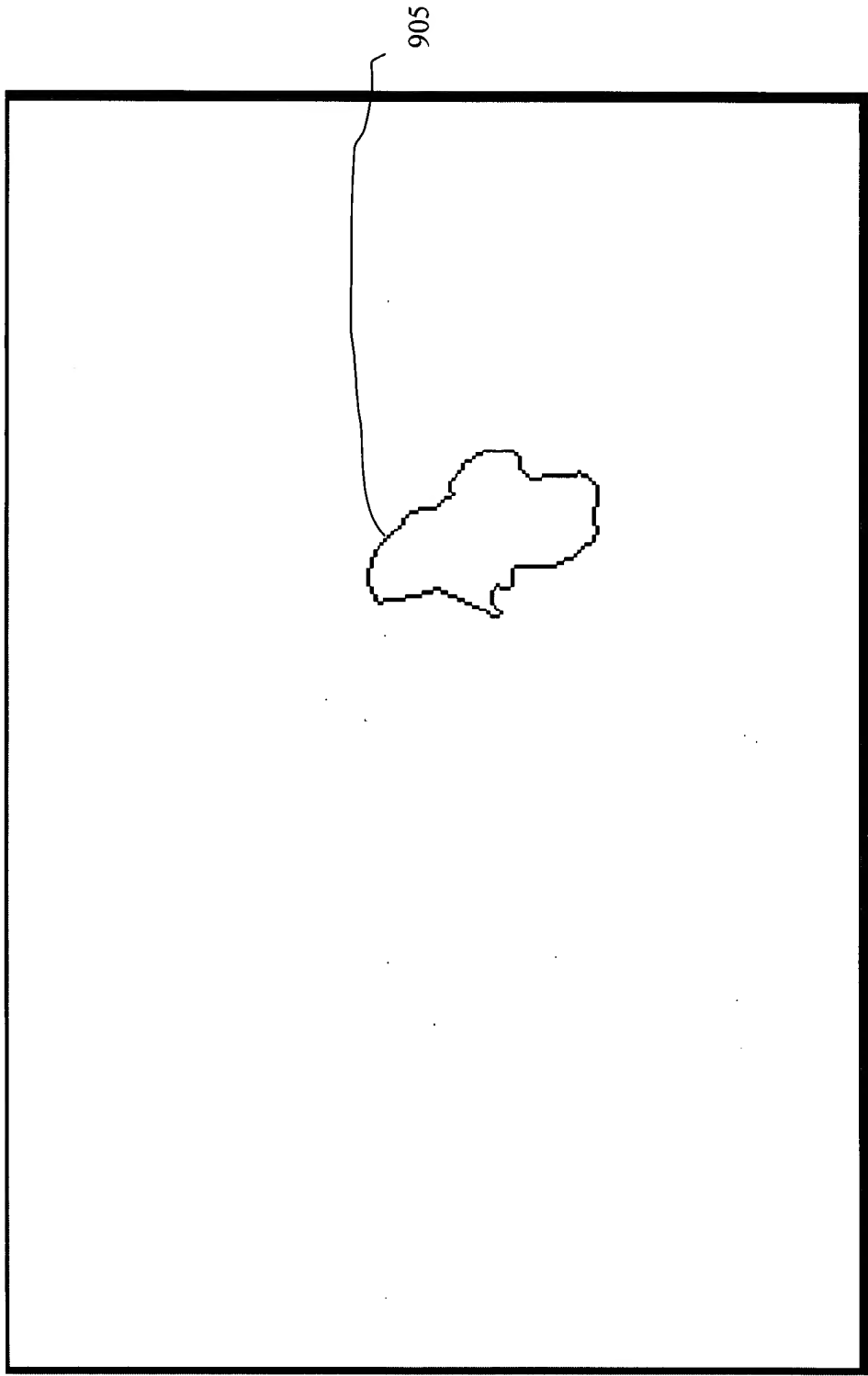


Figure 9C

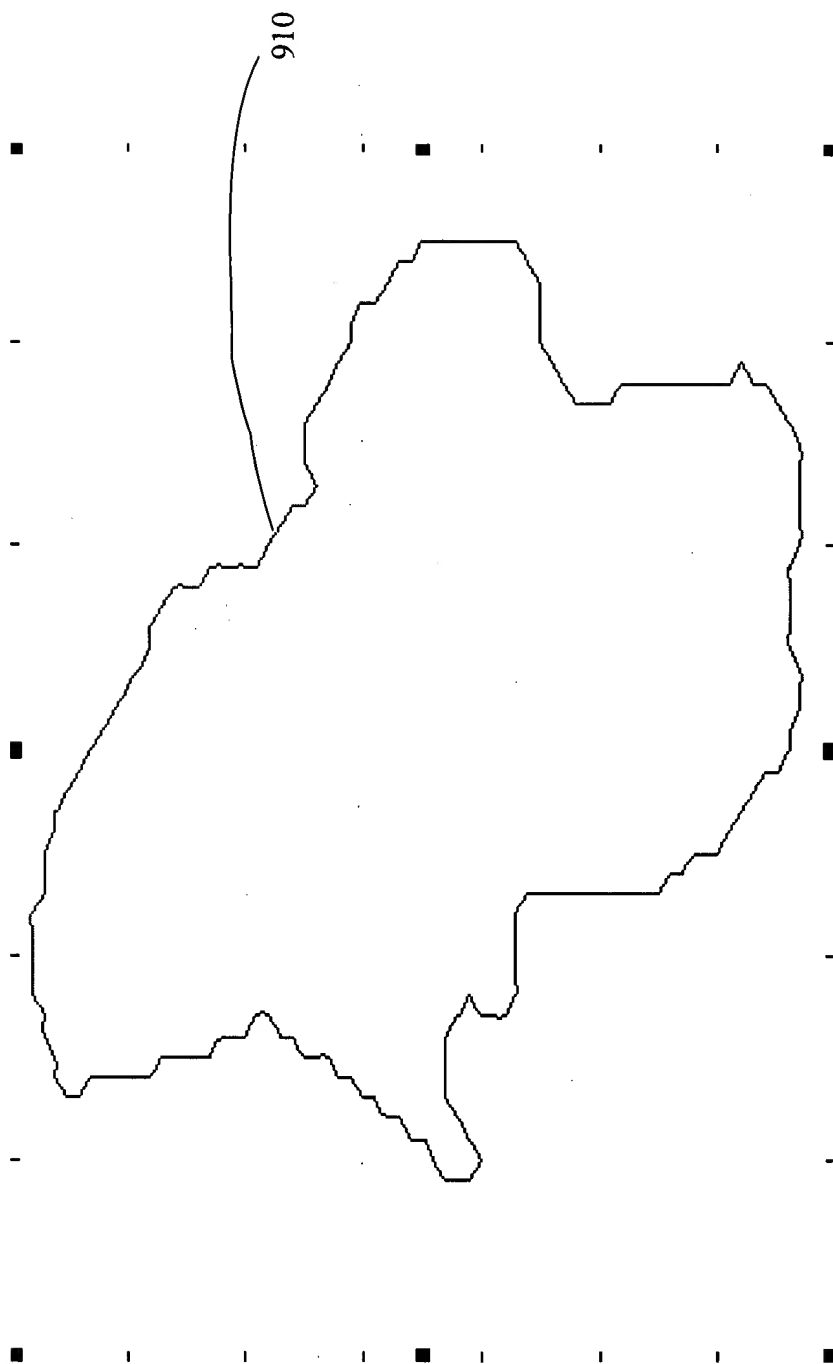


Figure 10

